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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/693,540 | 10/24/2003 | Dany Sylvain | 7000-271 | 2301 |
| 27820 | 7590 | 10/12/2005 | EXAMINER | |
| WITHROW & TERRANOVA, P.L.L.C. P.O. BOX 1287 CARY, NC 27512 | | | PHUONG, DAI | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2688 | |
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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/693,540

Applicant(s)

SYLVAIN, DANY

Examiner

Dai A. Phuong

Art Unit

2685

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-13 and 15-28 are rejected under 35 U.S.C. 102(b) as being anticipated by Farris et al. (U.S. 5,751,789).

Regarding claim 1, Farris et al. disclose a method for transitioning communications with a mobile terminal from a wireline network to a wireless network, wherein the mobile terminal is provided with a primary directory number associated with the wireline network, the method comprising: a) receiving a request for a temporary directory number, which has been temporarily assigned to the mobile terminal by the wireless network (col. 5, lines 26-58); b) accessing the temporary directory number (col. 5, lines 26-58); and c) providing the temporary directory number to allow a wireless connection to be established with the mobile terminal via the wireless network (col. 5, lines 46-67 and col. 9, line 58 to col. 10, line 40).

Regarding claim 2, Farris et al. disclose all the limitation in claim 1. Further, Farris et al. disclose the method wherein an initial connection for a call is established through the wireline network via a terminal adaptor SNID 19 (col. 4, lines 13-52).

Regarding claim 3, Farris et al. disclose all the limitation in claim 2. Further, Farris et al. disclose the method wherein the request is received from the terminal adaptor, **SNID 19**, and the temporary directory number is provided to the terminal adaptor (col. 5, lines 26-43. Specifically,

Farris et al. disclose the MTSO 27 therefore assigns one of the temporary directory numbers to the SNID 19 when the cellular transceiver in the SNID 19 becomes active after interruption of landline telephone service through loop 17).

Regarding claim 4, Farris et al. disclose all the limitation in claim 3. Further, Farris et al. disclose the method wherein the terminal adaptor initiates establishment of the wireless connection and transfer of communications from the wireline connection to the wireless connection (col. 5, lines 59-67 and col. 9, line 58 to col. 10, line 40).

Regarding claim 5, Farris et al. disclose all the limitation in claim 4. Further, Farris et al. disclose the method wherein the terminal adaptor, **SNID 19**, is coupled to a wireline switch in the wireline network 11 (col. 4, lines 13-61) and the terminal adaptor initiates establishment of the wireless connection by sending a request to the wireline switch to establish a connection to the mobile terminal via the wireless network using the temporary directory number (col. 5, lines 26-67) and wherein the transfer of communications from the wireline connection to the wireless connection is effected by the wireline switch (col. 5, lines 59-67 and col. 9, line 58 to col. 10, line 40).

Regarding claim 6, Farris et al. disclose all the limitation in claim 1. Further, Farris et al. disclose the method wherein the temporary directory number is accessed from the wireless network (col. 5, lines 26-67).

Regarding claim 7, Farris et al. disclose all the limitation in claim 6. Further, Farris et al. disclose the method wherein the temporary directory number is accessed via a home location register associated with the wireline network (col. 3, lines 19-45 and col. 5 lines 27-43).

Regarding claim 8, Farris et al. disclose all the limitation in claim 7. Further, Farris et al. disclose the method wherein the home location register accesses the temporary directory number from a visiting location register associated with the wireless network (col. 3, lines 19-45 and col. 5 lines 27-43).

Regarding claim 9, Farris et al. disclose all the limitation in claim 9. Further, Farris et al. disclose the method wherein the visiting location register accesses the temporary directory number from a wireless switch, which facilitates the wireless connection with the mobile terminal (col. 5, lines 26-67).

Regarding claim 10, Farris et al. disclose all the limitation in claim 2. Further, Farris et al. disclose the method wherein the mobile terminal registers with the wireless network while being served by the wireline network (col. 4, lines 13-61 and col. 5, lines 26-67).

Regarding claim 11, Farris et al. disclose all the limitation in claim 10. Further, Farris et al. disclose the method wherein the mobile terminal registers with the wireless network while a connection is established via the wireline network (fig. 1, col. 4, lines 13-61 and col. 5, lines 26-67).

Regarding claim 12, Farris et al. disclose all the limitation in claim 10. Further, Farris et al. disclose the method wherein the mobile terminal registers with the wireless network prior to a connection being established via the wireline network (fig. 1, col. 4, lines 13-61 and col. 5, lines 26-67).

Regarding claim 13, Farris et al. disclose all the limitation in claim 10. Further, Farris et al. disclose the method wherein the mobile terminal registers with the wireless network prior to transitioning to the wireless connection (fig. 1, col. 4, lines 13-61 and col. 5, lines 26-67).

Regarding claim 15, Farris et al. disclose a system for transitioning communications with a mobile terminal from a wireline network to a wireless network, wherein the mobile terminal is provided with a primary directory number associated with the wireline network, the system comprising: a) a communication interface (col. 4, lines 13-25); and b) a control system associated with the communication interface and adapted to: i) receive a request for a temporary directory number, which has been temporarily assigned to the mobile terminal by the wireless network (col. 5, lines 26-58); ii) retrieve the temporary directory number (col. 5, lines 26-58); and iii) provide the temporary directory number to allow a wireless connection to be established with the mobile terminal via the wireless network (col. 5, lines 59-67 and col. 9, lines 58 to col. 10, lines 40).

Regarding claim 16, this claim is rejected for the same reason as set forth in claim 2.

Regarding claim 17, this claim is rejected for the same reason as set forth in claim 3.

Regarding claim 18, this claim is rejected for the same reason as set forth in claim 4.

Regarding claim 19, this claim is rejected for the same reason as set forth in claim 5.

Regarding claim 20, this claim is rejected for the same reason as set forth in claim 6.

Regarding claim 21, this claim is rejected for the same reason as set forth in claim 7.

Regarding claim 22, this claim is rejected for the same reason as set forth in claim 8.

Regarding claim 23, this claim is rejected for the same reason as set forth in claim 9.

Regarding claim 24, Farris et al. disclose all the limitation in claim 16. Further, Farris et al. disclose the system wherein the mobile terminal registers with the wireless network while being served by the wireline network (col. 4, lines 13-61) and the temporary directory number is generated in response to the mobile terminal registering with the wireless network (col. 5, lines 26-67).

Regarding claim 25, this claim is rejected for the same reason as set forth in claim 11.

Regarding claim 26, this claim is rejected for the same reason as set forth in claim 12.

Regarding claim 27, this claim is rejected for the same reason as set forth in claim 13.

Regarding claim 28, Farris et al. disclose all the limitation in claim 15. Further, Farris et al. disclose the system further comprising a wireline switch adapted to: a) establish a wireline connection with the terminal adapter (col. 4, lines 13-63); b) initiate a call to the mobile terminal using the temporary directory number to establish the wireless connection via the wireless network (col. 5, lines 26-67 and col. 9, lines 58 to col. 10, line 40); and c) transfer communications with the mobile terminal from the wireline connection to the wireless connection (col. 5, lines 26-67 and col. 9, lines 58 to col. 10, line 40).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Farris et al. (U.S. 5,751,789) in view of Takken (Pub. No: 2003/0214940).

Regarding claim 14, Farris et al. disclose all the limitation in claim 1. However, Farris et al. do not disclose the method further comprising: a) establishing a wireline connection via the wireline network; b) establishing the wireless connection via the wireless network; and c) transferring communications with the mobile terminal from the wireline connection to the wireless connection.

In the same field of endeavor, Takken discloses the method further comprising: a) establishing a wireline connection via the wireline network ([0022] to [0023] and [0050]); b) establishing the wireless connection via the wireless network ([0022] to [0023] and [0050]); and c) transferring communications with the mobile terminal from the wireline connection to the wireless connection ([0022] to [0023] and [0050]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the telephone station of Farris et al. by specifically including a) establishing a wireline connection via the wireline network; b) establishing the wireless connection via the wireless network; and c) transferring communications with the mobile terminal from the wireline connection to the wireless connection, as taught by Takken, the motivation being in order to establish a communication connection between a telephone device and receiver device.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Ng et al. (U.S. 6424647) making a phone call connection over a internet connection

Chen (U.S. 6438384) voice communication over the internet

Tuomoi (Pub. No: 20020110112) quality voice over internet protocol communication


Emerson (Pub. No: 20030008682) internet with the public switches telephone network

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dai A Phuong whose telephone number is 571-272-7896. The examiner can normally be reached on Monday to Friday, 9:00 A.M. to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on 703-305-4385. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dai Phuong
AU: 2685
Date: 08-18-2005


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